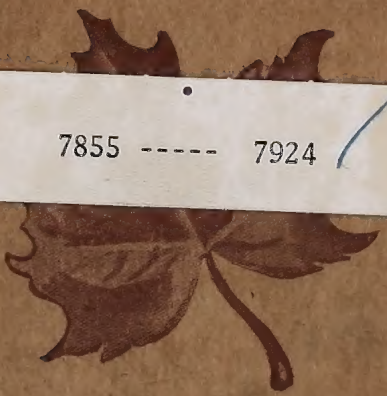
Done

7855 ----- 7924



Ask for No. 354

"ANOTHER MAPLE LEAF PRODUCT"

Property of

Arthur Cronquist
New York Botanical Garden
Bronx Park
New York 58, N.Y.

Please return.

V.559

7855- June 22, 1955

In rather open Thuja - Pseudotsuga forest near Roar Creek on Coolwater Mt., about 8 miles by forest road east of Lowell, Clearwater Co., Idaho. T. 39 N., R. 7 E., S. 2. Elev. about 5000 ft. Common near the upper limits of the Thuja - Pseudotsuga forest only; not seen lower down. Corolla veined with deep blue on much paler background, the lobes strongly lacerate. Old leaves tending to be persistent and prostrate; leaves of the season more

erect.

Synthyris platycarpa Gail & Pennell

(Perhaps only a phase of S. schizantha)

Synthyris platycarpa (32)

7856 - June 22, 1955 ✓

In open Thuja - Pseudotsuga forest ~~about 8 miles~~ on Coolwater Mt., about 8 miles by forest road east of Juneil, Clearwater Co., Idaho. Twp. 33 N., R. 7 E., S. 2. Elev. about 5000'. Perianth snow white, the petals tufted

Mitella stauropetala Piper

Mitella heuchera (4)

7857 – June 22, 1935

Same places as 7856. Vegetative plants common; only 3 fruiting specimens, and no flowering specimens, seen. Carpels open at the tips before maturity

Coptis occidentalis (Nutt.)
T. & Gr

Isopyrum? (1)

7858- June 23, 1955
In Thuja-Pseudotsuga
forest on ridge 3
miles southeast of
top of Walde Mt.,
near Lowell, Clear-
water Co., Idaho. Twp.
33 N., R 7 E., S. 8.
Elev. about 5000 feet.
Plant with a stout
but rather soft ~~stem~~
rhizome which may be
shortened into a
branching caudex,
the stems accordingly
solitary or clustered.

Flowers pure white, with short tube and rotately spreading limb. Fornices prominent.

Dasynotus Daubenmirei Johnston

1032 Dasynotus Daubenmirei (24)

1859 - June 26, 1955

Weed on loose, gravelly roadside bank 3 miles northwest of Superior, Mineral Co., Mont.

Plants up to 1 m. tall, glaucous, [illegible] with solitary or clustered stem. Petals white, deeply bifid.

Silene cucubalus Wibel.
Note the scarcely inflated, firm-textured calyces and annual or biennial taproot.
Silene det. Barrett Maguire (34)

7860 - June 26, 1955
Low, gravelly roadside bank, 3 miles northwest of Superior, Mineral Co., Mont.
Flowers blue

Penstemon albertinus Greene
det. D. D. Keck

Penstemon (19)

7861- June 27, 1955.
In rather moist, mixed coniferous woods along north side of Holland Lake, 60 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R. 16 W., S. 35. Elev. about 4600 feet. Extreme plants have the upper surface of the leaves essentially glabrous from the first, thus simulating or duplicating var. laevelii.

Antennaria neglecta Greene var. attenuata (Fern.) Cov. & G.

Antennaria neglecta Hell.

7562. June 27, 1955
Lomatium macrocarpum, mihi
Carex [illegible] Hook.
[illegible] Hillside
[illegible] 50 miles east
of Missoula, Missoula Co.,
Mont. Twp. 20 N. R. 21
W. S. 35. Elev. 4000
ft. Plants with a
dense tuft of [illegible]
[illegible] leaves. Flowers
very pale lilac (nearly white),
with yellow disk and
with aromatic fennel-like
odor of the 3 lower petals
upper 2 petals deeper

lavender on the back.

Viola canadensis L.
var. rugulosa (Greene) C. L. Hitchc.

Viola canadensis (35)

7863 - June 1
In rather moist, mixed coniferous woods along west ~~east~~ end of Holland Lake, 50 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N. R. 16 W. S. 34. Elev. about 3450'
Passing freely into the ~~violacea~~ var. attenuata, ~~which~~ in which

[illegible] Canadian and [illegible]
[illegible] [illegible] [illegible] upper
[illegible] at least when young.
Antennaria neglecta Greene
var. howellii (Greene) Cronq.

[illegible] Antennaria neglecta var. howellii

1864 - June 30, 1955 - [illegible]
[illegible] [illegible] [illegible]
among [illegible],
[illegible]
of [illegible],
[illegible]
Wash. Co., Ore., Aug. 17
N. R. 16 W., S. 4. [illegible]

... and upon jet. Pistillate plants with deep pink, light pink, partly pinkish, or white bracts. Staminate plants scarce, with brown bracts.

Antennaria rosea Greene

Antennaria rosea (26)

7865 - June 30, 1935
Same place as 7864.
~~Pistillate plants~~. Petals white,

Arenaria serpyllifolia L.
det. Bassett Maguire

29

1956 - June 30, 1955

Diving. Sanitary pumping
and piping in Lower River
section west of Holland
Tube, about 75 men,
[illegible] Diving Division
[illegible]

Twps. 19 N., R. 16 W. S. H
Elev. between 4000 and
4500 feet. Plants in
small tufts, without
rhizomes.

/

Festuca scabrella Torr.

+ scarce

7867 · June 30, 1995

[illegible]

[illegible]

[illegible]

Carol Gayle Boott

7868 June 30, 1934

Among scattered ponderosa pine and around edges of open meadowland on the Swan River valley west of Holland Lake, about 75 miles northeast of Missoula, Missoula Co., Mont. T. 19 N., R. 15 W. S. 4. Elev. between 4000 and 4500'. Petals white, prominently yellow-haired, with small purplish spot (the gland) Calochortus apiculatus Baker

1267. June 30, 1900
[illegible]
[illegible]
Lower Flathead River Valley,
[illegible] Flathead Lake,
about 75 miles [illegible]
[illegible], Missoula Co.,
Mont. Type in N. Herb.,
[illegible]
[illegible]
[illegible]
Lepidium campestre (L.) R. Br.

(29)

3770- June 20, 1955

In dry meadowland with scattered ponderosa pines in Swan River Valley, west of Holland Lake, about 75 miles northeast of Missoula, Montana. Twp. 19 N., R. 16 W., S. 4. Sc. between 4000 and 4200 ft. Flowers yellow

Crepis runcinata (James)
T. & G.

var. runcinata

✓

[illegible]

[illegible] in Swan
[illegible] west of Hol-
[illegible], about 75 mile
[illegible]
[illegible] Co., Mont.
Twp. 19 N., R. 16 W., S. 4,
[illegible] and
4 3/4 feet. [illegible]

Coal mine answers,
sec. 2a C, dist. Barrett Maguire

1872 - July 3, 1912
Openings in meadows
grassy woods in Swan
River valley west of
Holland Lake, head of
Swan River, east of
Missoula, Missoula Co.,
Mont. Twp. 20 N., R. 16 W.,
Sec. 33. Elev. between 4000 and
~~4200~~ 4450 feet. Flowers pink.

Microsteris gracilis (Hook.)
Greene
var. gracilis

Lupinus laxiflorus Dougl.
var. pseudoparviflorus (Rydb.) C.P. Smith

787 July 3, 1955

Openings in mixed con. if. woods in Sun River Valley, west of Highland Peak, about 7.5 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R. 16 W., S. 35 Elev. between 4200 and 4300 ft. E. Plants in small tufts

Luzula multiflora (Retz.) Lej.

Luzula (10)

7875 -

7876. July 3, 1955
Same place as 7875
Flowers white

Veronica peregrina L.
var. xalapensis (HBK.) St John
+ Warren

Veronica peregrina (1c)

7877 - July 3, 1933

Gentiana amarella L.
var. acuta (Michx.) Hooker

(5)

7278- July 4, 1955 ✓
In mixed coniferous woods at west end of Holland Lake, about 80 miles north east of Missoula, Missoula Co., Mont. Twp. 20 N., R. 16 W., S. 35. Elev. about 4300 ft. Rhizomatous low shrubs mostly 3-6 in. tall. Plants more or less dioecious into two types [illegible] with relatively large white, glabrous pedicels, and large pink flowers that often have numerous petals, the

7879 - July 6 1952.
Grassy openings in mid
Coniferous woods in the
Lava Flow valley west of
Hyland Lake, about 75 miles
[illegible] of Prineville, Ore.
[illegible] Twp. 23 S.
R. 11 E. W.M. Elev. about
4500 feet. Rosette plants
[illegible] Stems arising
singly or few together from
a basal rosette.

Castilleja lutescens (Greenm.) Rydb.
dupl. det. Marion Ownbey

7880- July 7, 1935

7877,

Castilleja miniata Dougl.
Det. Marion Ownbey

C. Castilleja (35)

7861 - July 7, 1955

Pedicularis bracteosa Benth
var. bracteosa

7883 - July 7, 1935.

Same place as 7882. Plants in 2 distinct color-phases: one almost wholly reddish brown, the corolla, except the lip, which is white with purple dots, the other light yellow throughout, except the purple lip.

Corallorhiza maculata Raf.

Coralorhiza

7884. July 7, 1955

Anemone globosa Nutt.

7885. July 8, 1935

Open, loose, shaly west slope overlooking Holland Lake, about 80 miles northeast of Missoula, Missoula Co, Mont. Swan Range. Twp. 20 N, R. 17 W, S. 36. Elev. about 5000 ft. Stems numerous from a taproot and branched caudex, tending to be matted at the base. Flowers lavender. Only a few plants seen.

Penstemon lyallii (Gray)
det. O. D. Keck Gray

Penstemon lanuginosus

7886 - June 9, 1955
Open on knoll and slope
edge in Juan Lopez,
about Holbrook Tabl, about
50 miles northeast of
Winslow, Navajo Co,
Ariz. T. 19 N. R. 16 W.,
S. 36. Elev. about 5000
feet. Flowers blue to
purple.

Penstemon Wilcoxii Rydb.
det. D. D. Keck

large 1/2 c. Penstemon

7887 - July 8, 1955.

Open, ~~shaly~~ loose, shaly south-west slopes and cliffsides in Swan Range, above Holland Lake, about 50 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R. 16 W., S. 36. Elev. about 5000 ft. F. banners blue.

/

Penstemon albertinus Greene
Det. D. D. Keck

(37)

small blue to lavender.

7888 July 8, 1955
open on knoll, camp
and old settlement
slope in Swan Range above
Holland Lake about 50
miles northeast of Mis-
soula, Missoula Co., Mont.
Imp. DON. R. 16 W., S. 36.
Elev. about 5 feet.
Found blue. With
the presumed parents.

7889 - July 8, 1955

Open, loose and shaky southwest slope in Swan Range above Holland Lake, about 50 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N, R. 16 W, S. 36. Elev. about 5000 feet. Flowers bluish white, occasionally pale purplish. Growing with P. heterophylla, and apparently hybridizing freely with it.

Phacelia Hastata Dougl. var. leptosepala (Rydb.) Cronq.

Phacelia hastata 30)

7890 - July 8, 1955

Same plants as 7889 ✓

Flowers dull white, occasionally pale purple. ~~Flowers~~ Growing with P. hastata var. leucophylla, and apparently hybridizing freely with it.

Phacelia heterophylla

Pursh

✓

Phacelia heterophylla D

7891 - July 8, 1955
Same place as 7889.
~~Plants~~ Growing with the presumed parents, and combining their characters: either with a single, erect stem and all or nearly all entire leaves; or with several ascending stems and some of the leaves basally lobed.
Phacelia heterophylla Pursh.
×
P. hastata var leptosepala (Rydb.) Cronq.

7892 – July 8, 1935

Grassy ~~flats~~ open slopes in mixed coniferous woods along Hell and Deep above Hell Roaring Range about 80 miles northwest of Missoula, Missoula Co., Mont. Twp. 20 N, R. 16 W., S 36 Elev. about 5000 feet. Stem decumbent, one little woody root. Branches ascending.

Castilleja hispida Bentham
dupl. det. Marion Ownbey

Castilleja [illegible] 391

7893- July 9, 1955-

On moss-mats and thin soil on rocks along Holland Creek above Holland Lake; Swan Range, about 80 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N, R. 15W, S. 31. Elev. about 5500 feet. Plants forming dense mats, open evidently without a forest, Flowers white with small reddish dots /

1 to 1½ branches 5 cm. var. and var. [illegible] (Wieg.) Peck

[illegible]

TBH - July 9, 1955. ✓

Has scattered leaves, smaller heads, and more exposed habitat, but only with difficulty to be distinguished from the smaller individuals of the more characteristic A. latifolia of the adjacent coniferous woods.

Arnica latifolia Bong.
var. gracilis (Pursh.) Cronq.

Arnica "gracilis" (7)

7815 – July 3, 1955.

Potentilla glandulosa Lindl.
var. pseudo-rupestris (Rydb.)

7896 - July 9, 1952

West, 3 mi. by slope over
Loring to the [illegible] Burn
Range, about 12 miles
northeast of Missoula,
Missoula Co. Mont.
T. 20 N., R. 15 W., S. 21.
[illegible] 5,200 - 5,600 ft.
[illegible] Bluebunch
[illegible] and weedy
[illegible]

Astragalus bourgovii Gray

1697-

Valeriana dioica L.

√

(3)

78 K - July 9, 1955
Shrub 1.5-3 m. tall on
timbered slope overlooking
Big Blackfoot R.; Swan
Range about 80 miles
northeast of Missoula,
Missoula Co., Mont. Twp.
20 N., R 15 W., S 31.
Alt. 5500 ft. Im Lot
& Lower white.

Sorbus scopulina Greene

Sorbus (14)

Tiarella unifoliata Nutt.

[illegible]

Penstemon ellipticus, Coult.
+ Flsh.

Det. D. D. Keck.

Possible hybrid:

Penstemon hyallii (Gray) Gray

x *P. ellipticus* Coult. & Fish.

Presumed parents found in the general area, but not seen immediately nearby

Det. O. D. Cook

7902: July 9, 1935. In
Swan Mts. Holland
Creek below Upper
Holland Lake; Swan Range;
about 80
miles northeast of Mis-
soula, Missoula Co.,
Mont. Twp. 20 N., R. 15W.,
S. 29. Elev. about 6500 feet.
Vine; sepals 4,
blue-lavender.

Clematis columbiana (Nutt.)
T. & G.

Clematis columbiana (2)

7903 - July 9, 1957

Shrub mostly 1-2 m. tall in hummocks open conifer woods near Holland Lake, below upper Holland Lake, Swan Range, about 52 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R. 15 W., S. 29. Elev. about 6500 feet

(not yet full size.

Leaves glaucous beneath, Flowers tinted with dull orange-pink.

Menziesia ferruginea Smith var. glabella (Hook) Peck

Vaccinium

29

7904- July 9, 1955

In thin soil and moss mats on quartzite rock at west end of Upper Holland Lake; Swan Range, about 80 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R. 15 W., S. 29. Elev. about 7000 feet. Stems 1-4 from delicately attached, tuber-ous-thickened rhizomes. Basal leaves mostly ascending. Flowers blue.

Mertensia longiflora Greene

7905 July 1 1955
Rock Creeks near
Holland Creek below
Upper Holland Lake,
Swan Range, about 50
miles northeast of Missoula,
Missoula Co., Mont. Type.
20 N., R. 15 W., S. 29, Elev.
c. 4500. Part of dense
stand on a large rock
in rapid creek. Flowers
yellow, with yellow hairs
Plants bland, not nauseous
Pulsatilla pulcherrima
Hook.
var. pulcherrima
Pulsatilla pulcherrima

1906 – July 9, 1955
Land plants to 1925
Flowering plants.

Arabis nuttallii Rob. ✓

7927. July 9, 1955.
Same place as 7904.
Keels slightly thickened.
Inners blue-purple,
the upper petals whitish
edged with blue.

Delphinium bicolor Nutt.

7,908 - July 9, 1955
Shrub up to 1 m. tall
on rock outcrops at
west end of [redacted]
Upper Holland Lake,
Swan Range, about
50 miles northeast of
Missoula, Missoula Co.,
Mont. Twp. 20 N., R.
15 W., S. 29. Elev. about
7000 feet. Flowering

Pachystima myrsinites
(Pursh) Raf.

7509 - July 9, 1935
Shrub 1-2 m. tall in
dry gravelly soil
[illegible] Lake, Juab Co., Utah
10 miles [illegible]
[illegible], Millard Co.,
Utah, T. 14 S., R. 20 W.,
15 W., S. 29, Elevation
[illegible] Fruiting
[illegible] marginata.

Fendlera utahensis S. Wats.

7910 – July 13, 1955

Shrub mostly 1-4 dm. tall among scattered trees in spruce-fir zone north of Upper Holland Lake; Swan Range, about 80 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R 15 W., S. 29. Elev. about 7500 ft. Flowers pendent

Vaccinium scoparium Leiberg

25

Vaccinium scoparium Leib.

Fall - July 13, 1933
Shrub mostly 3-6
dm. tall - Lam. plate
as 79 D. F leaves depressed-
glabose, tinted with
purplish.

Vaccinium Globulare Rydb.

Vaccinium [illegible] (30)

7912 - July 13, 1955

In moss-mats on shaded rock outcrops north of Upper Holland Lake, Swan Range, about 80 miles northeast of Missoula, Missoula Co., Mont. Twp 20 N., R. 15 W., S. 29, Elev. about 7500 feet. Plants forming loose mats, just beginning to bloom, fruits dirty blackish green

Antennaria alpina (L.) Gaertn. var. media (Greene) Jepson.

? ... ... is alpina (2)

793 - July 13, 1955

In moss mats and rock crevices on ledges north of Upper Holland Lake; Swan Range, about 80 miles northwest of Missoula, Missoula Co., Mont. T. 22 N., R. 16 W., Sec. 29. Elevation 7500 feet.

Selaginella densa Rydb. var. scopulorum (Hieron.) Tryon

Selaginella (4)

79. c - July 13, 1755
Edges of small streams
and other moist places
north of Upper Holland
Lake; Swan Range about
80 miles northeast of
Missoula, Missoula Co.,
Mont. Twp. 20 N., R. 15 W.,
S. 29. Elev. about 7500
feet. Flowers white.

Saxifraga rhomboidea
Greene ?

Saxifraga (3)

1915- July 13, 1915

Rock crevices overlooking the north side of Upper Holland Lake, Swan Range, about 80 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R. 15 W., S. 28. Elev. about 7000 feet.

Cryptogramma Crispa (L.) R.Br. var. acrostichoides (R. Br.) C. B. Clarke

✓

Cryptogramma (5)

7914 - July 13, 1955

Same place as 7915

Chilanthes gracillima

O.C. Ext.

24

7917 - July 13, 1955
Moist open slopes over-
looking north side of
Upper Holland Lake,
Swan Range, about 50
miles northeast of
Missoula, Missoula Co.,
Mont. Twp. 20 N., R.
15 W., S. 28 Elev. about 3000
feet. Plants generally
clustered on a branched
caudex. Flowers white,
this being I believe lavender
outside
Valeriana sitchensis Bong.
Valeriana sitchensis used

15

7918 - July 13, 1905
Land + Hly Sci
In moss. mat on boulders along Upper Holland Lake; Swan Range, about 50 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R. 15 W., S. 29, Elev. about 7000 feet. Flowers yellow, the 3 lower petals penciled with dark purple toward the base within.

Viola glabella Nutt.

2943 - July 13, 1955
Moist, mostly shaded
places along Upper
Holland Lake; Swan
Range about 80 miles
northeast of Missoula,
Missoula Co., Mont.,
Twp. 20 N., R. 15 W., S.
29. Elev. about 7000
feet. Flowers green

Mitella breweri Gray

Mitella breweri (13)

7920 - July 13, 1955

Open, rocky slopes and rock-crevices along Holland Creek above Holland Lake; Swan Range, about 80 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., ~~R. 15 W., S.~~ R 16 W., S. 36. Elev. about 5000'. Plants with a taproot and stout branched caudex. Flowers dull whitish. Heuchera cylindrica Dougl. var. septentrionalis R. B. L.

Heuchera

13

7Fa1 - July 13. 1955

Open, grassy slope
along Holland Creek
above Upper Holland Lake.
Swan Range, about 80
miles northwest of Missoula
Missoula Co., Mont.
Twp. 20 N., R. 16 W.,
S. 36. Elev. about
5000 feet

Crepis atribarba Heller
Rep. Erigeron Eaton & Stebb.

(32)

1922 July 13. 1955

In rather thin soil in rocky, open spruce-fir woods ~~about~~ north of Upper Holland Lake; Swan Range, about 50 miles northeast of Missoula; Missoula Co., Mont. T. 19 N., R. 15 W., S. 28. Elev. about 7000-7500 feet. Common, but just beginning to bloom; flowers chartreuse

Pedicularis contorta Benth.
var. contorta

(1)

Pedicularis contorta

7923 - July 13, 1955
Low ground along
Upper Holland Lake;
Swan Range, about 80
miles northeast of Mis-
soula, Missoula Co.,
Mont. Twp. 20 N., R. 15 W.,
S. 28. Elev. about 7000
feet

Ranunculus eschscholtzii
Schlecht.

Buttercup (5) 22

7924 - July 14, 1935

Grassy, semi-meadow openings in mixed coniferous woods in Swan River valley, west of Holland Lake, about 75 miles northeast of Missoula, Missoula Co., Mont. Twp. 20 N., R. 16 W., S. 34. Elev. about 4300 feet.

Flowers from ochroleucous to less often light yellow, white, pale lavender, or lavender.

Penstemon confertus Dougl. in Lindl. det. D. D. Keck

Penstemon (26)

Jonathan J. Westfall.

re John Rumely

873.1

197

1532

736

702

5240

548

7925 – Replevin

(12)

187

1257

1087

1000

870

875